

Receiving Report

Date: 13/12/19
 Supplier: TH/506NH

Batch No: M126389
 Dart P/O: 20203

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection OK 13/07/20 N/A ☐
 Work Order N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 13/7/19
 Date
 Received/Costing
 Initial

Location

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643
 GRAIN MUST BE ALONG LENGTH OF BAR MIN. YIELD
 TENSILE STRENGTH = 100 KSI MIN. ULTIMATE TENSILE
 STRENGTH = 150 KSI.

1	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	6/24/2013	12.00	\$328.00
			Yes	f	
			6/24/2013		
				<u>13/12/19</u>	
					Line Total: \$328.00
2	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	6/24/2013	24.00	\$768.00
			Yes	f	
	AS ABOVE		6/24/2013		
				<u>24.4</u>	
				<u>13/12/19</u>	
					Line Total: \$768.00
3	M174B1.500X02.250	17-4 SS Bar 1.50 X2.250	6/24/2013	24.00	\$1,044.00
			Yes	f	
	AS ABOVE		6/24/2013		
				<u>23-1</u>	

PO Instructions: QUOTATION: NO. PEC ST-577779
 QUOTATION: NO. PEC ST-576671

Note:

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Ship From: B I L L O F L A D I N G
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 832540
Ship Date 19Jul13 at 15:26 From PFW
Probill
Via TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

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B I L L O F L A D I N G

MTR

1) Our Order PEC-578302- 2 Your PO # 20203
STAINLESS STEEL PLATE 17-4 STAINLESS
.250" THICK X 4.0000" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
839868	199888	4.00 SFT	1	45
TOTAL:		Tags 1	PCS 1	LBS 45

ADD ON TO 578301 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **
BACK ORDER FROM OUR PREVIOUS B/L# 828501

1 - planche
1/3/1/19

TOTAL OF 1 BDL GR.W. 70 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

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Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

=====

B I L L O F L A D I N G

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER



Certificate of Test

Stephen Wolff
Stephen Wolff - Director, Corporate Quality Assurance

500 Green Street
Washington, PA 15301

Mill Information
Cert Number 0117320-00
Sales Order 50-043-167
Cert Date May-17-2013

Customer Information
Name COPPER & BRASS SALES INC
PO 5400179504-R04
PO Date Apr-08-2013

Sold to: COPPER & BRASS SALES INC
CORPORATE SALES DIVISION
PO BOX 5116
SOUTHFIELD, MI 48086

Ship to: COPPER & BRASS ELKHART
1015 SAINT JEROME ST
MISHAWAKA, IN 46544

Material Information

"ATI 17-4" PRECIPITATION HARDENABLE STAINLESS STEEL
PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE

ASTM-A-693-06 CND A/H900
AMS 5604F CND A/H900

ASME-SA-693-10 CND A/H900
UNS S17400

Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 001	Cust-Id: SSFLR00532			Govt-Contract-#:		Govt-DO-Rating:		
	Cust-Job:			ScheduleB:				
1	.2500	48.0000	144.0000	839868	AB04608-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04608-0002	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04609-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04609-0002	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04610-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04610-0002	---	423175	536

Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	839868	Loc
C	---	.07	.04	BN
MN	---	1.00	.48	BN
P	---	.040	.024	BN
S	---	.030	< .001	BN
SI	---	1.00	.22	BN
CR	15.00	17.50	15.49	BN
NI	3.00	5.00	4.76	BN
MO	---	.50	.20	BN
CU	3.00	5.00	3.24	BN
CB	.15	.45	.25	BN
TA	---	---	.010	TC

From: ThyssenKrupp Materials NA
Cust: THYSSENKRUPP MATERIALS NA - ECAD
Star
Wgt.: 45.000 LB
Cstor 249478
Date 07/16/2013
Del.: 2402569313

John P. Smith

Wgt.: 45.000 LB

Star

Cust. THYSSENKRUPP MATERIALS NA - ECAD

Cstor 249478

Date 07/16/2013

Del.: 2402569313

From: ThyssenKrupp Materials NA



Certificate of Test

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Stephen Wolff - Director, Corporate Quality Assurance

Mill Information

Cert Number 0117320-00
Sales Order 50-043-167
Cert Date May-17-2013

Customer Information

Name COPPER & BRASS SALES INC
PO 5400179504-R04
PO Date Apr-08-2013

Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	839868	Loc
CBT	.15	.45	.26	BN
CBC	5.00	---	6.76	BN

Allegheny Ludlum performs chemical analysis by the following techniques:
C, S by combustion/infrared; N, O, H by insert fusion/thermal conductivity;
Mn, P, Si, Cr, Ni, Mo, Cu, Pb, Co, V, by WDXRF; Pb, Bi, Ag by GFAA;
B by OES; Al and Ti (>=0.10%) by WDXRF, otherwise by OES.

839868 - Material was produced by EF melting with AOD refining.

CBC = Cb / C

CBT = Cb + Ta

Mechanical Testing

		LOT 423175		LOT 423175	
Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Result	Loc	Result	Loc
HARDNESS	---	335. HBW	TC	44.0 HRC	TC
YIELD 0.2%	psi	---	--	191000.	TC
TENSILE	psi	---	--	200000.	TC
ELONGATION	%	---	--	10.	TC
RED OF AREA	%	---	--	55.	TC

"H", "TH", "RH", and other heat treated values are capability test results.

Mechanical Property Requirements

Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
YIELD 0.2%	psi	---	---	170000.	---

John J. Gambrell

Wgt.: 45.000 LB

Estar

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD
Del.: 2402569313

Cstor 249478

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Mill Information

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Washington, PA 15301

Cert Number 0117320-00
Sales Order 50-043-167
Cert Date May-17-2013

Name COPPER & BRASS SALES INC
PO 5400179504-R04
PO Date Apr-08-2013

Mechanical Property Requirements

Condition:	ANNEALED			H900	
Direction:	TRANSVERSE			TRANSVERSE	
Temperature:	ROOM TEMP			ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
TENSILE	psi	---	---	190000.	---
ELONGATION	%	---	---	8.	---
RED OF AREA	%	---	---	30.	---
HARDNESS	---	---	352. HBW	40. HRC	47. HRC

CP
13/07/20

Metallography - General

Ferrite <= 5% per periodic test requirement.

Certification Statements

Allegheny Ludlum does not use mercury in the testing or production of its products.

Material is of USA melt and manufacture.

No welds/weld repairs performed.

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal Statutes, including Federal Law, Title 18, Chapter 47.

Material is compliant with the European Union Directive 2011/65/EU - Restriction of Hazardous Substances (RoHS2).

DIN EN 10204:2005 3.1 Certificate

General Statements

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

BN = ATI-ALLEGHENY LUDLUM; 100 River Road; Brackenridge, PA 15014

TC = ATI-ALLEGHENY LUDLUM; 1300 Pacific Avenue; Natrona Heights, PA 15065

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see MSDS for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our web site at www.alleghenyludlum.com/pages/assistance/MSDS.asp.

For access to online Certifications of Test, please register at www.alcextra.com.

The above is a true copy of the data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Allegheny Ludlum's order acknowledgement. This certificate of Test may not be reproduced except in full without the written authorization of the company.

ATI Allegheny Ludlum's website contains a listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at www.alleghenyludlum.com.

John R. Smith

Page 1 of 1

All amounts are calculated in domestic currency.

Total Received Quantity:	12.00000
Total Qty to Inspect (PO U/M):	0.00000
Total Reject Quantity:	0.00000
Total Receipt Value:	\$311.86
Total Balance Due Quantity:	0.00000